

What is claimed is:

1 1. A printmode for an inkjet printer including a plurality of print nozzles
2 and an edge guide projecting into a printzone into which at least one of the
3 plurality of print nozzles may be transported for deposition of a fluid onto a print
4 media, the printmode comprising a printmask defining a print disable zone
5 including a pre-selected area of the printzone substantially equal to an area of
6 the edge guide that projects into the printzone.

1 2. A printmode according to Claim 1 wherein the print disable zone
2 further comprises an area of the printzone substantially equal to a length of the
3 edge guide times a width of a print media.

1 3. A printmode according to Claim 1 wherein the print disable zone
2 further comprises an area of the printzone substantially equal to a length of the
3 edge guide times a width of a portion of the print media that lies beneath the
4 edge guide.

1 4. A printmode according to Claim 1 further comprising the printmask
2 defining a narrow margin print zone located adjacent to the print disable zone.

1 5. A printmode according to Claim 4 further comprising the printmask
2 defining a graduated print zone located between a narrow margin print zone and
3 a full image density print zone.

1 6. An inkjet imaging device comprising:
2 a printer controller;
3 a media transport assembly connected to and controlled by the printer
4 controller for transporting a print media along a media travel direction;
5 a printhead including a plurality of print nozzles, the printhead connected

6 to and controlled by the printer controller for controllably activating the print
7 nozzles to eject drops of ink, the printhead connected to a carriage for
8 transporting the printhead across the print media;

9 a printzone defined by a height of the plurality of print nozzles and the
10 width of the print media;

11 an edge guide located adjacent to a marginal edge of the print media, the
12 edge guide located in the printzone; and

13 a printmode including a printmask defining a print disable zone including a
14 pre-selected area of the printzone substantially equal to an area of the edge
15 guide that projects into the printzone.

1 7. A printmode according to Claim 6 wherein the print disable zone
2 further comprises an area of the printzone substantially equal to an aggregate
3 length of the edge guide times a width of a print media.

1 8. A printmode according to Claim 6 wherein the print disable zone
2 further comprises an area of the printzone substantially equal to a length of the
3 edge guide times a width of a portion of the print media that lies beneath the
4 edge guide.

1 9. A printmode according to Claim 6 further comprising the printmask
2 defining a narrow margin print zone located adjacent to the print disable zone.

1 10. A printmode according to Claim 9 further comprising the printmask
2 defining a graduated print zone located between a narrow margin print zone and
3 a full image density print zone.

1 11. A method for narrow margin printing with an inkjet printer including
2 the steps of:

3 selecting a printmode including a printmask defining a print disable zone
4 including a pre-selected area of the printzone substantially equal to length of the
5 edge guide times a width of a portion of the print media that lies beneath the

6 edge guide;
7 transporting a print media into a printzone defined by a height of the
8 plurality of print nozzles and a width of the print media; and
9 selectively depositing ink from the print nozzle to the media forming an
10 image including a narrow margin by printing in a narrow margin mode only in
11 those marginal areas that are not occupied by the edge guide.

1 12. A method for narrow margin printing according to Claim 11 wherein
2 the step of defining a print disable zone further includes defining an area of the
3 printzone substantially equal to a length of the edge guide times a width of a print
4 media as the print disable zone.

1 13. A method for narrow margin printing according to Claim 11 wherein
2 the step of defining a print disable zone further includes defining an area of the
3 printzone substantially equal to a length of the edge guide times a width of a
4 portion of the print media that lies beneath the edge guide.

1 14. A method for narrow margin printing according to Claim 11 further
2 including the step defining a narrow margin print zone located adjacent to the
3 print disable zone.

1 15. A method for narrow margin printing according to Claim 11 further
2 including the step defining a graduated print zone located between a narrow
3 margin print zone and a full image density print zone.